

WEST Search History

DATE: Monday, June 30, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
L6	l4 same L5	42	L6
L5	foam\$4 near agent	49809	L5
L4	l1 same L3	8464	L4
L3	(thermoset\$4 or photoset\$4) near resin\$4	76956	L3
L2	(thermoset44 or photoset\$4) near resin\$4	2417	L2
L1	adhesive	817348	L1

END OF SEARCH HISTORY

WEST

Generate Collection

L6: Entry 32 of 42

File: DWPI

Nov 10, 1992

DERWENT-ACC-NO: 1992-426428

DERWENT-WEEK: 199946

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TITLE: Vibration-controlling steel plate having high workability - comprises plated steel substrate layer, foaming resin intermediate layer and thermosetting resin paint skin layer for ceilings and floors etc.

PATENT-ASSIGNEE:

ASSIGNEE

CODE

NIPPON STEEL CORP

YAWA

PRIORITY-DATA: 1991JP-0112249 (April 18, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 04319433 A	November 10, 1992		007	B32B015/08
JP 2957303 B2	October 4, 1999		007	B32B015/08

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 04319433A	April 18, 1991	1991JP-0112249	
JP 2957303B2	April 18, 1991	1991JP-0112249	
JP 2957303B2		JP 4319433	Previous Publ.

INT-CL (IPC): B05D 7/14; B32B 7/02; B32B 15/08; B32B 27/18; B32B 31/00; F16F 15/02

ABSTRACTED-PUB-NO: JP 04319433A

BASIC-ABSTRACT:

Plate having high workability comprises a substrate layer of steel plate or plated steel plate, a 50-700 micron-thick intermediate layer of foaming resin contg. a foaming agent expandable by heating it and an up to 100 micron-thick skin layer of thermosetting resin paint.

Pref. the vibration-controlling steel plate is prepd. by coating the surface of 0.3-1.2 mm-thick steel or plated steel plate with a 1-10 micron-thick adhesive (e.g., olefinic adhesive coupled with COOH or double bond, polybutadiene, polyamide, epoxy adhesive, etc.), dry coating the adhesive surface with 60-700 micron dry thick-foaming resin sheet in the form of molten resin, powder, paint or film and then with up to 100 micron-thick thermosetting resin and heating the laminated steel plate at a temp. = up to the decomposition temp. of foaming agent. The press-worked steel sheet is heated to foam the foaming layer.

USE/ADVANTAGE - The vibration-controlling steel plate is prepd. economically. The damping sheet of complicated structure such as ceiling, floor, etc. of a motor car is prepd. easily with high productivity. It has a lightweight and high heat and sound insulation. It is used as ceiling, floor of a motor car, housings of household electrical appliances, building materials for ceiling, wall, floor, etc..

CHOSEN-DRAWING: Dwg.0/1

TITLE-TERMS: VIBRATION CONTROL STEEL PLATE HIGH WORK COMPRISE PLATE STEEL SUBSTRATE
LAYER FOAM RESIN INTERMEDIATE LAYER THERMOSETTING RESIN PAINT SKIN LAYER CEILING FLOOR

DERWENT-CLASS: A18 A23 A32 M13 P42 P73 Q63

CPI-CODES: A12-B04; A12-H09; A12-S04; M13-H05;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0232 0233 1093 1282 1283 2020 2021 2022 2305 2306 2371 2413 2426
2431 2433 2437 2439 2442 2449 2510 2513 2522 2536 2541 2542 2623 2624 2646 2654 2665
2682 2694 2697 2698 2718 2721 2722 2737 2829 2844 3300

Multipunch Codes: 014 034 04- 041 046 117 122 141 226 231 250 387 42& 428 431 443 47&
477 551 560 562 57& 575 58- 581 596 604 606 609 613 614 617 618 623 627 672 688 699
723 724 014 04- 231 387 42& 428 431 443 473 477 551 560 562 57& 575 581 596 604 606
613 614 617 618 623 627 672 699

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-189089

Non-CPI Secondary Accession Numbers: N1992-325410

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L6: Entry 34 of 42

File: DWPI

Nov 5, 1991

DERWENT-ACC-NO: 1991-351329

DERWENT-WEEK: 199148

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TITLE: Adhesive sheet for reinforcing thin plate - has adhesive thermosetting resin sheet laminated on thermosetting layer contg. foaming agent and short fibres (J6 30.3.89)

PATENT-ASSIGNEE:

ASSIGNEE

CODE

NITTO DENKO CORP

NITL

PRIORITY-DATA: 1987JP-0242271 (September 26, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 91069706 B	November 5, 1991		000	
JP 01085747 A	March 30, 1989		000	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 91069706B	September 26, 1987	1987JP-0242271	

INT-CL (IPC): B32B 5/20; B32B 7/10; B32B 15/08; B60R 13/00; B62D 25/00

ABSTRACTED-PUB-NO: JP 91069706B

BASIC-ABSTRACT:

Adhesive sheet for reinforcing thin plate comprises a 1st thermosetting resin layer contg. a foaming agent and short fibres and 2nd adhesive thermosetting resin sheet laminated on the 1st sheet, which may have a reinforced base sheet inside.

USE - For reinforcing steel sheets of car bodies. (J01085747-A)

CHOSEN-DRAWING: Dwg.0/3

TITLE-TERMS: ADHESIVE SHEET REINFORCED THIN PLATE ADHESIVE THERMOSETTING RESIN SHEET LAMINATE THERMOSETTING LAYER CONTAIN FOAM AGENT SHORT FIBRE

DERWENT-CLASS: A95 P73 Q17 Q22

CPI-CODES: A08-B01; A08-R01; A12-S04; A12-S07A; A12-T02;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0011 0231 2212 2305 2306 2522 2536 3252 2682 2722 2726 3300 2829

Multipunch Codes: 014 04- 301 308 309 42& 443 449 477 491 502 54& 57& 597 600 609 672 720 723

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-151776

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Non-CPI Secondary Accession Numbers: N1991-268997